

PRODUCT IDENTITY

PRODUCT NAME	Potassium chloride	PRODUCT NUMBER	P112143
Grades & Purity	Suitable for molecular biology, ≥99.5%	VERSION	3
CAS NUMBER	7447-40-7	FORMULA	KCl
FORMULA WEIGHT	74.55g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(Titration by AgNO ₃)	99.5-100.5 (%)
Heavy metal (as Pb)	0-5 (ppm)
Water by Karl Fischer	0-2 (%)
Iron(Fe)	0-3 (ppm)
Appearance (P112143)	White powder to crystal
DNase, RNase and Protease	None Detected
Solubility in H ₂ O , 20G/150MLwater	pass
X-Ray Diffraction	Conforms to Structure